

**ABSTRACT OF THE DISCLOSURE****METHOD AND SYSTEM FOR AN OBJECT MODEL WITH EMBEDDED  
METADATA AND MAPPING INFORMATION**

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Metadata is obtained from a database and provided to an object model that uses the database for persisting the state of its objects. The metadata provides the object model with constraints, size limits, or other limiting information about a database so that the object model can anticipate and handle potential errors that could occur at the database level. Rather than keeping the metadata embedded within the database, the object model obtains access to the metadata and can adopt policies for dealing with those constraints and limits. In addition, the object model is also provided with heuristics that can be applied to storage processing of attributes. In this manner, the object model becomes metadata-aware and can handle database operations more intelligently and thus propagate fewer errors to the client.

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